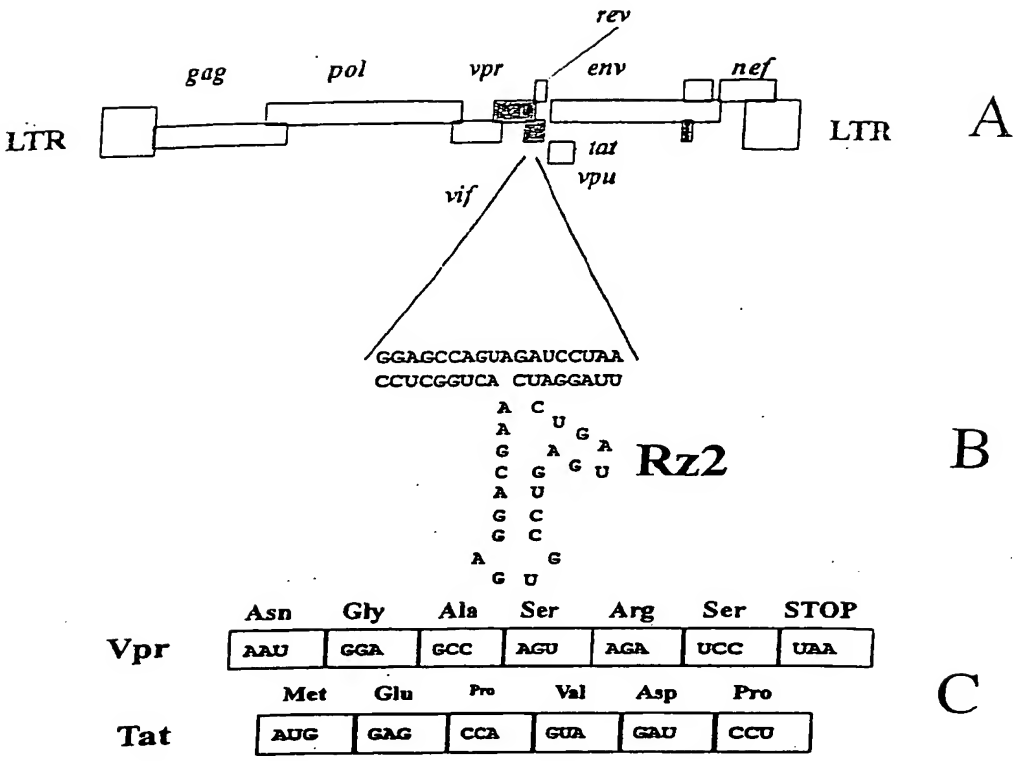
rev
gag
pol
vpr
env
nef
LTR
LTR
A
tat
vpu
vif
GGAGCCAGUAGAUCCUAA
CCUCGGUCA CUAGGAUU
Rz2
B
Asn Gly Ala Ser Arg Ser STOP
Vpr
AAU GGA GCC AGU AGA UCC UAA
Met Glu Pro Val Asp Pro
Tat
AUG GAG CCA GUA GAU CCU
C

FIGURE 1

OVERVIEW OF METHOD

1. Apheresis

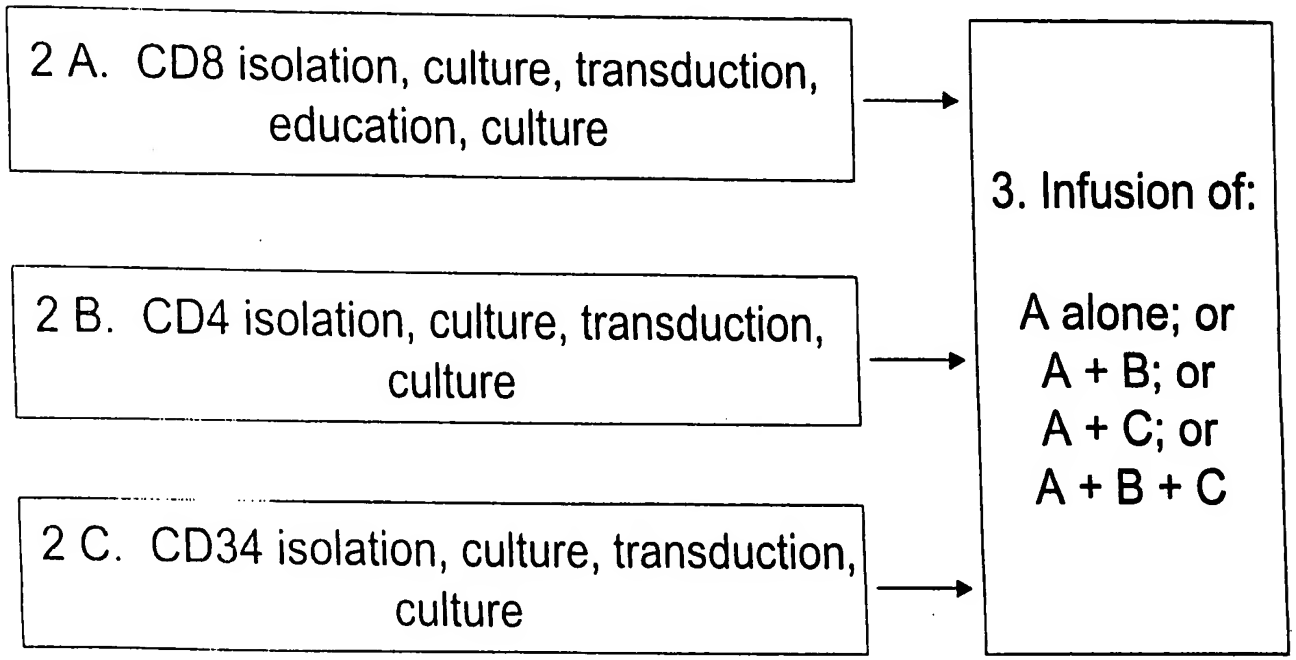

FIGURE 2

10/534135

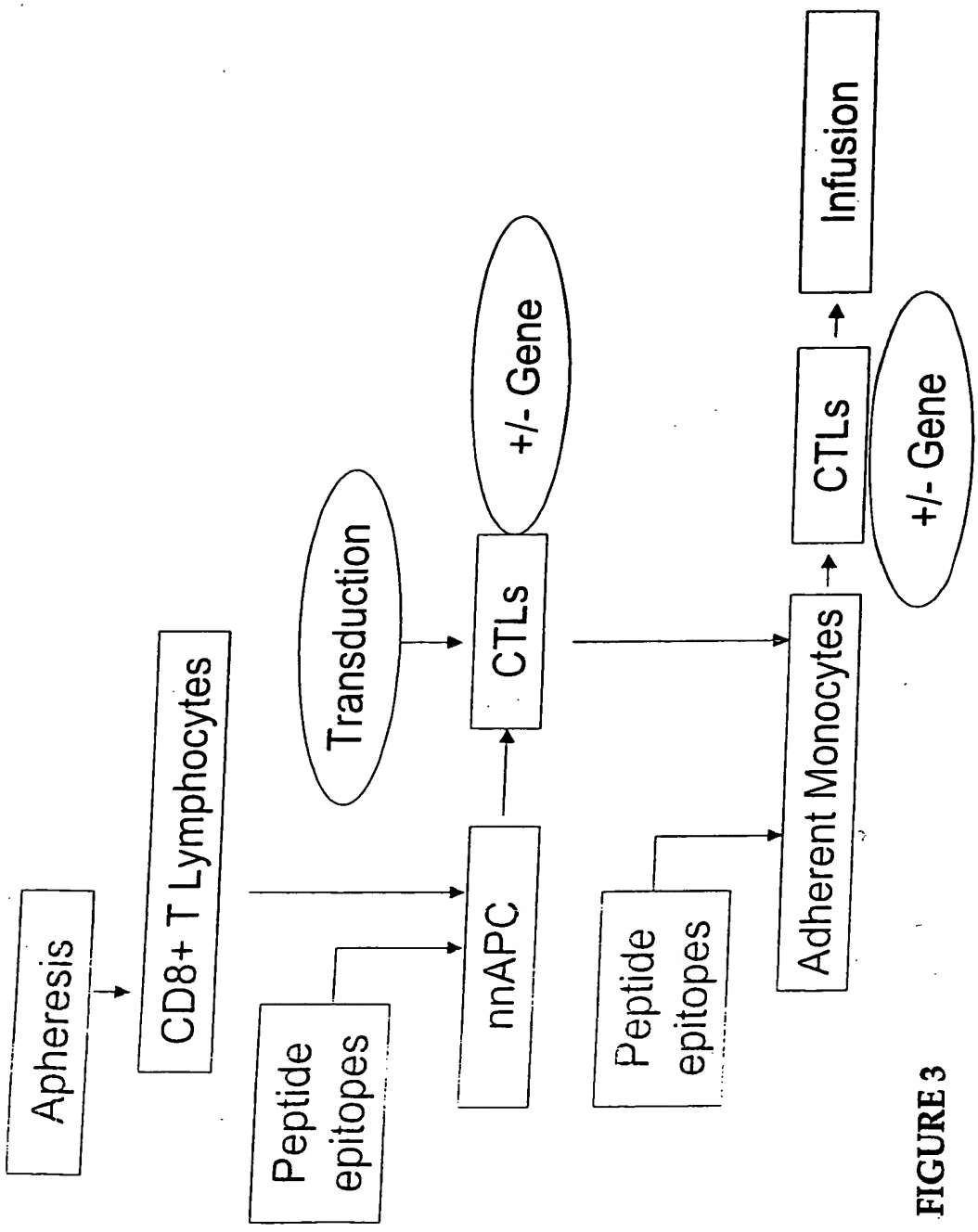
Apheresis
CD8+ T Lymphocytes
Peptide epitopes
nnAPC
Transduction
CTLs
+/- Gene
Peptide epitopes
Adherent Monocytes
CTLs
+/- Gene
Infusion

FIGURE 3

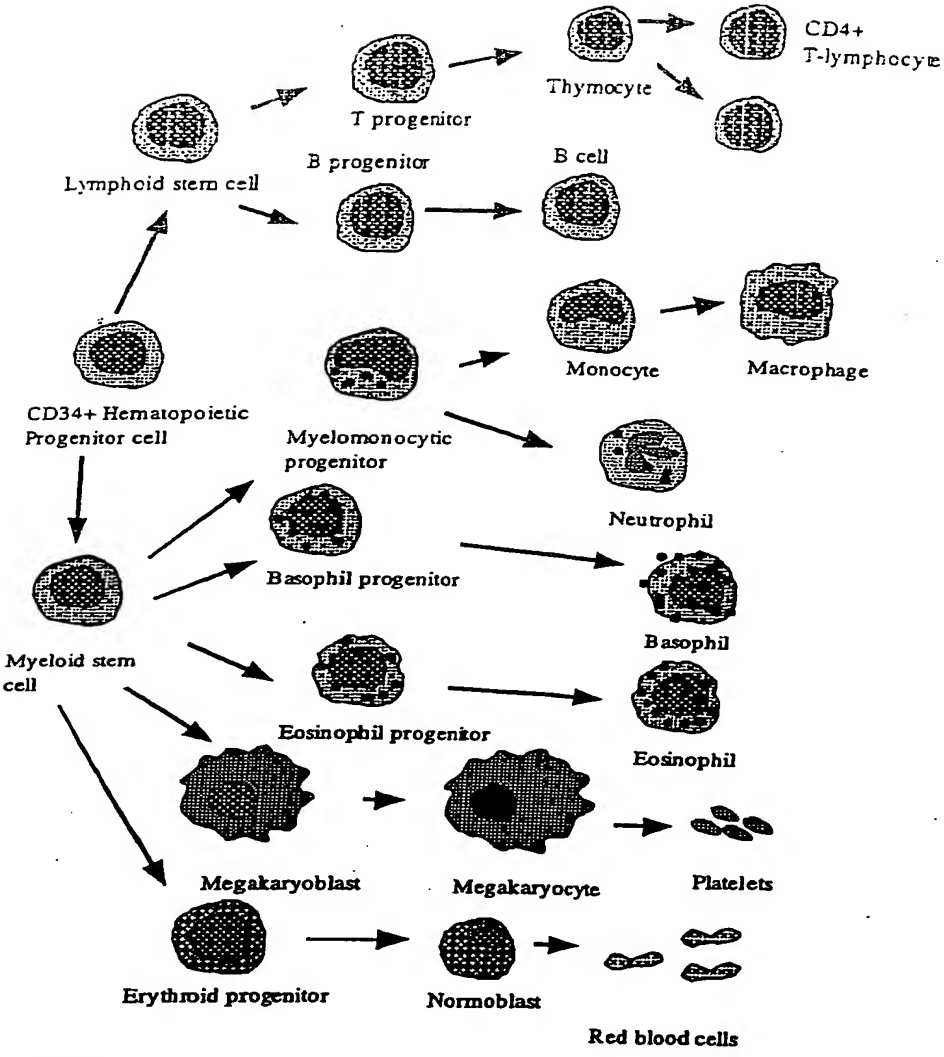
CD4+
T-lymphocyte
Thymocyte
T progenitor
Lymphoid stem cell
B progenitor
B cell
Monocyte
Macrophage
CD34+ Hematopoietic
Progenitor cell
Myelomonocytic
progenitor
Neutrophil
Basophil progenitor
Basophil
Myeloid stem
cell
Eosinophil progenitor
Eosinophil
Megakaryoblast
Megakaryocyte
Platelets
Erythroid progenitor
Normoblast
Red blood cells

FIGURE 4